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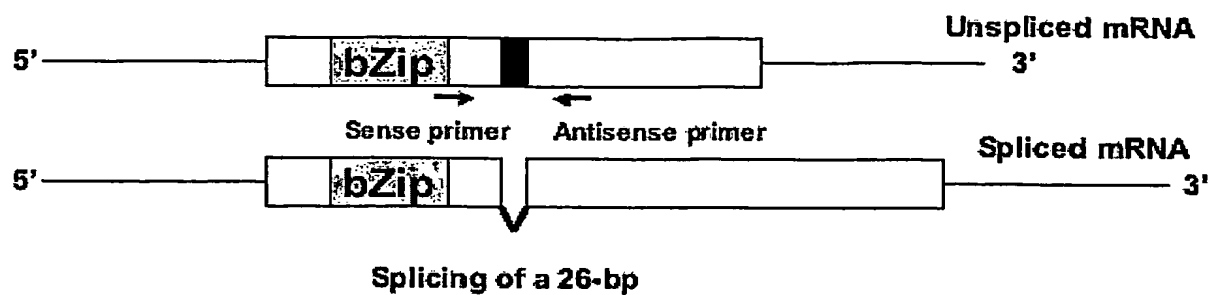


Figure 1B.

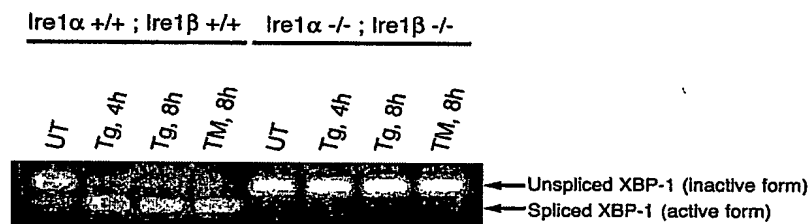


Figure 2A.

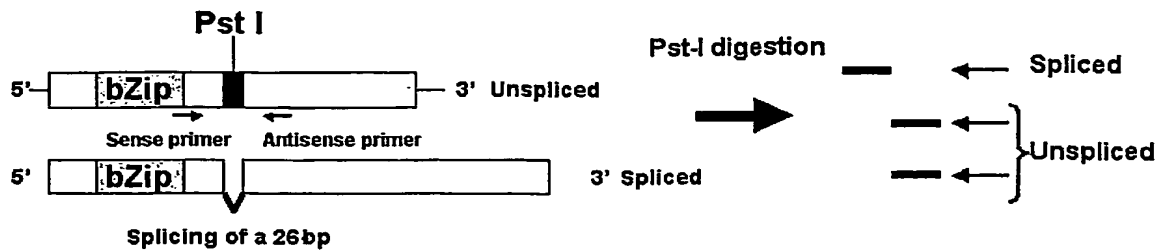


Figure 2B.

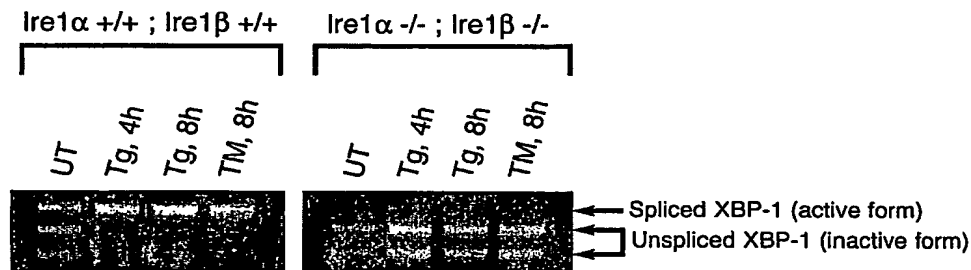


Figure 3.

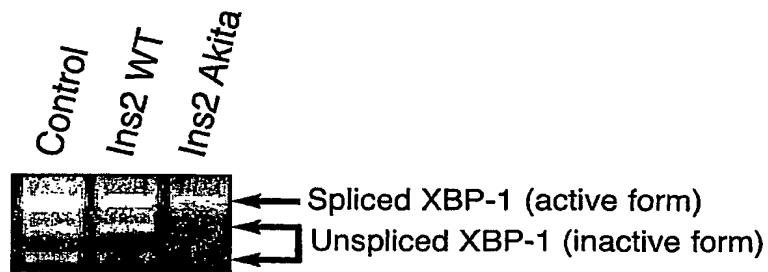
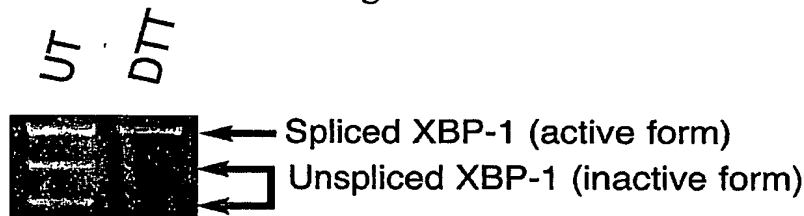


Figure 4

Figure 5A

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481  tggccgggtc tgctgagtc gcagcaggtg caggccaggt tgtcacccct ccagaacatc
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661  tggaggagct cccagaggtc taccagaag gaccagttc cttaccagcc tccctttctc
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1321  caaggtattg agacatatta ctggaagtaa gaaatattac tataattgag aactacagct
1381  ttaagattg tacttttata ttaaaagggt ggtagttttc cctaaaatac ttattatgta
1441  agggtcatta gacaaatgtc ttgaagtaga catggaattt atgaatggtt ctttatcatt
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1621  tcaagaatct tttgtgaaat tatagaaatt tactatgtaa atgcttgatg gaattttttc
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Figure 5B

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K A L R R K L K N R V A A Q T A R D R K K A R M S E L E Q Q V D L E E N Q K L L L E N Q L L R E K T H G L V V E N Q E L R Q R L G M D A L
V A E E E A E A K G N E V R P V A G S A E S A A G A G P V V T P P E H L P M D S G G I D S S D S E S D I L L G I L D N L D P V M F F K C P S P
E P A S L E E L P E V Y P E G P S S L P A S L S L S V G T S S A K L E A I N E L I R F D H I Y T K P L V L E I P S E T E S Q A N V V V K I E E
A P L S P S E N D H P E F I V S V K E E P V E D D L V P E L G I S N L L S S S H C P K P S S C L L D A Y S D C G Y G G S L S P F S D M S S L L
G V N H S W E D T F A N E L F P Q L I S V (SEQ ID NO:2)

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Figure 6A

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421 ggatggatgc cctggttgtc gaagaggagg cggaaagccaa ggggaatgaa gtgaggccag
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1681 atgtaaatgc ttgatggaat tttttcctgc tagttagct tctgaaaggt gctttctcca
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Figure 6B

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VAEEAEAKGNEVRPVAGSAESAALRLRAPLQQVQAQLSPLQNI SPWILAVLTLQIQSLISCWAFWTTWTQ
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Figure 7

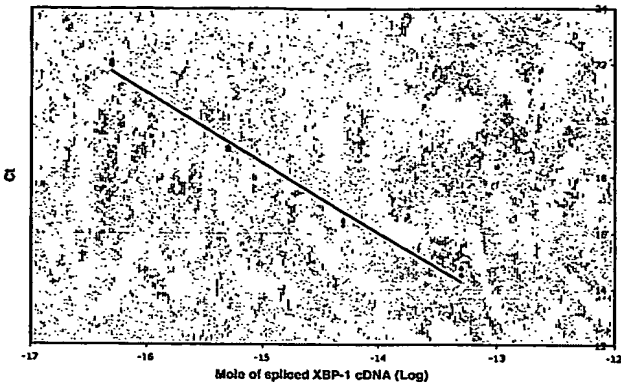


Figure 8

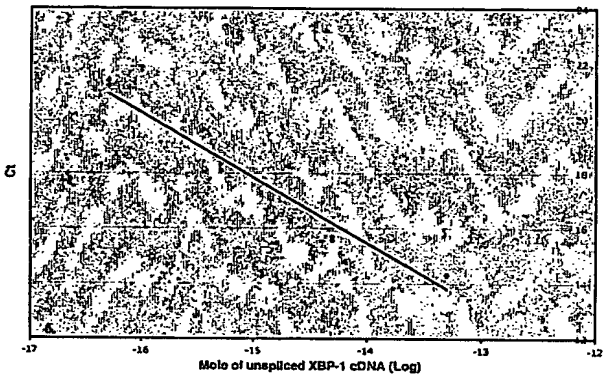


Figure 9



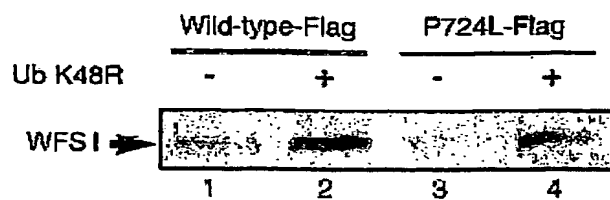
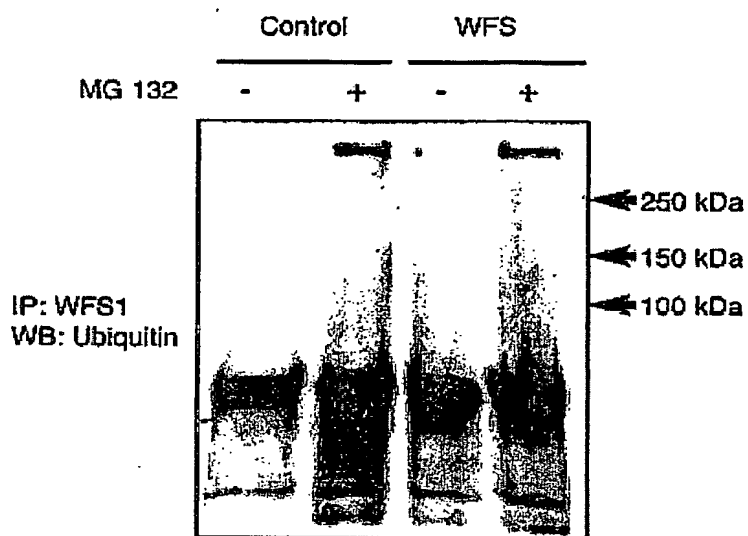
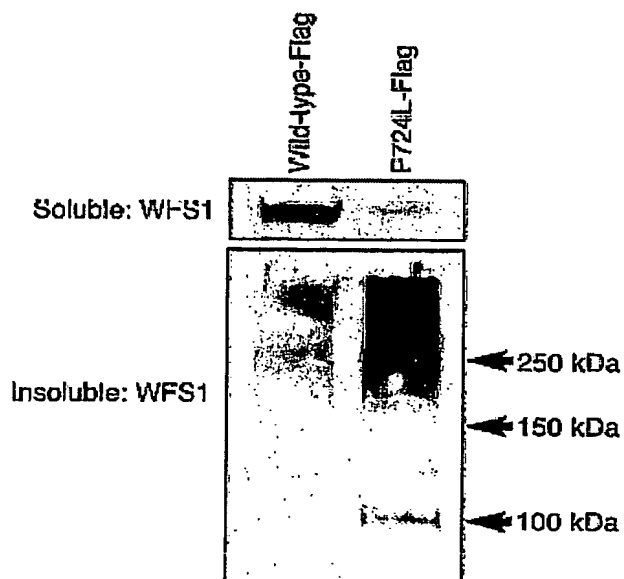
Figure 10**Figure 11****Figure 12**

Figure 13A

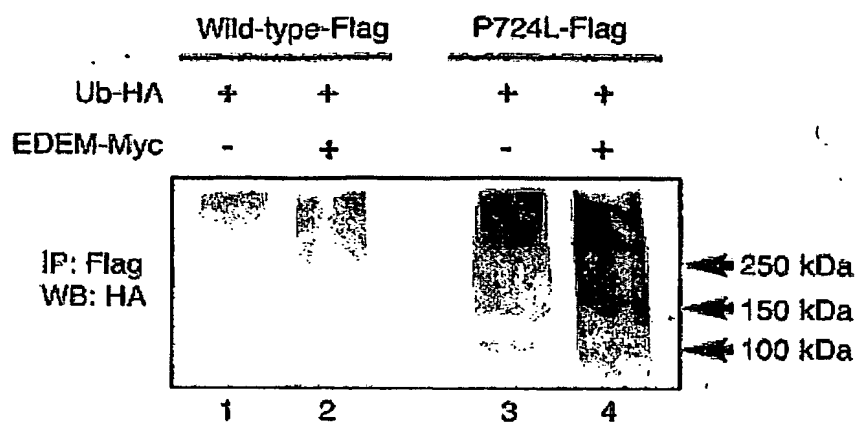


Figure 13B

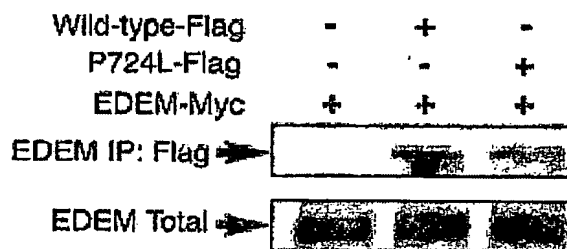


Figure 13C

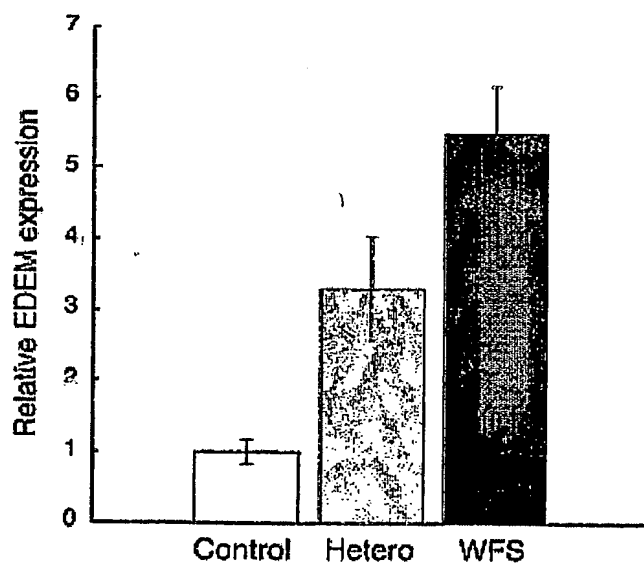


Figure 14A

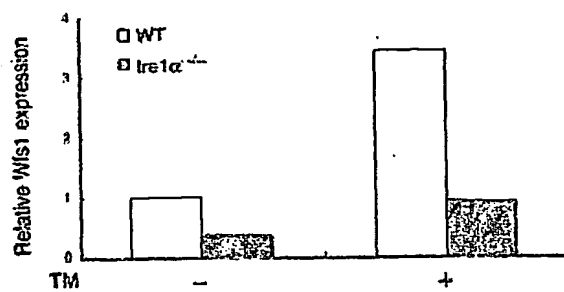


Figure 14B

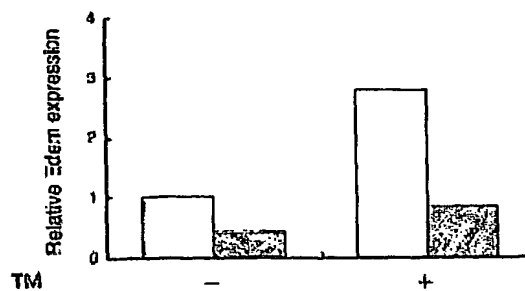


Figure 14C

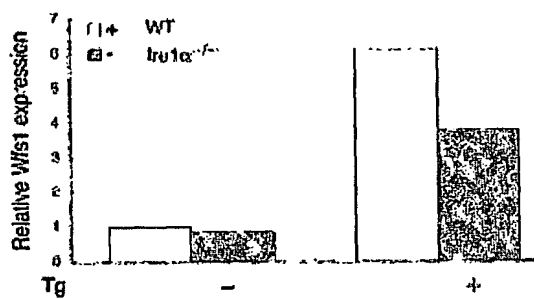


Figure 14D

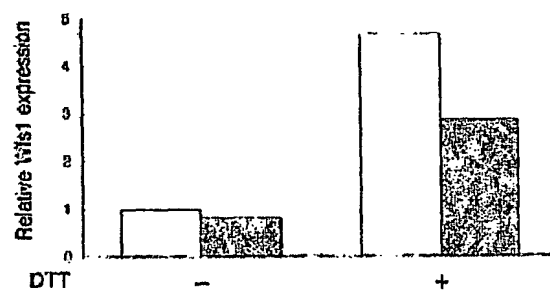


Figure 15

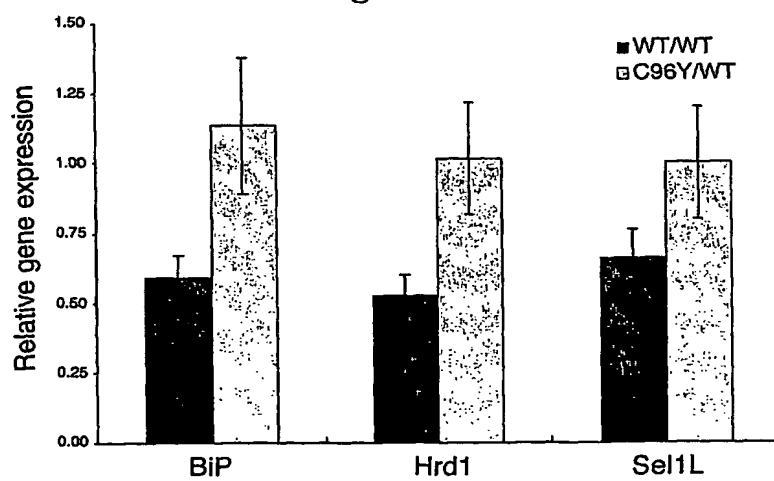


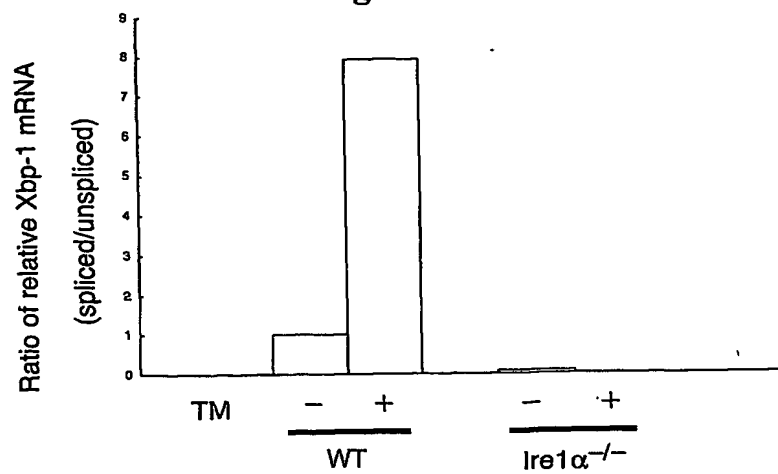
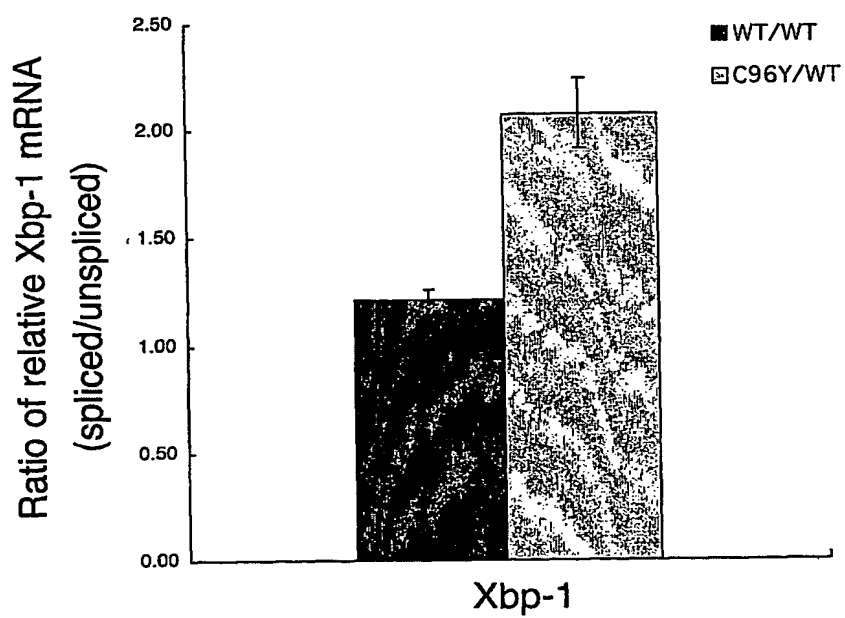
Figure 16**Figure 17**

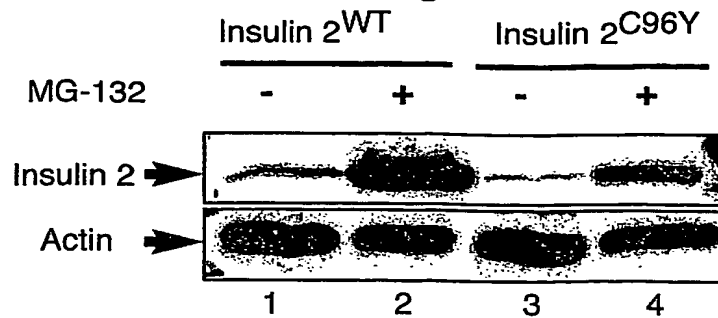
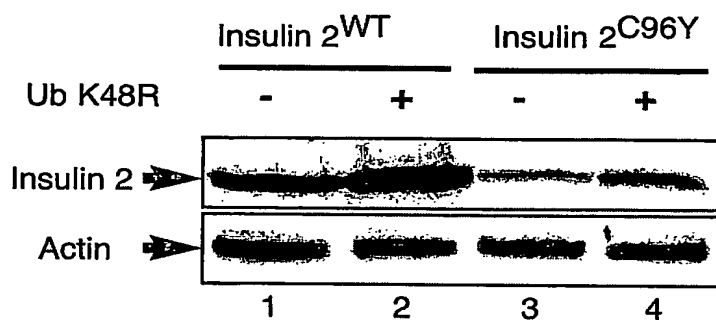
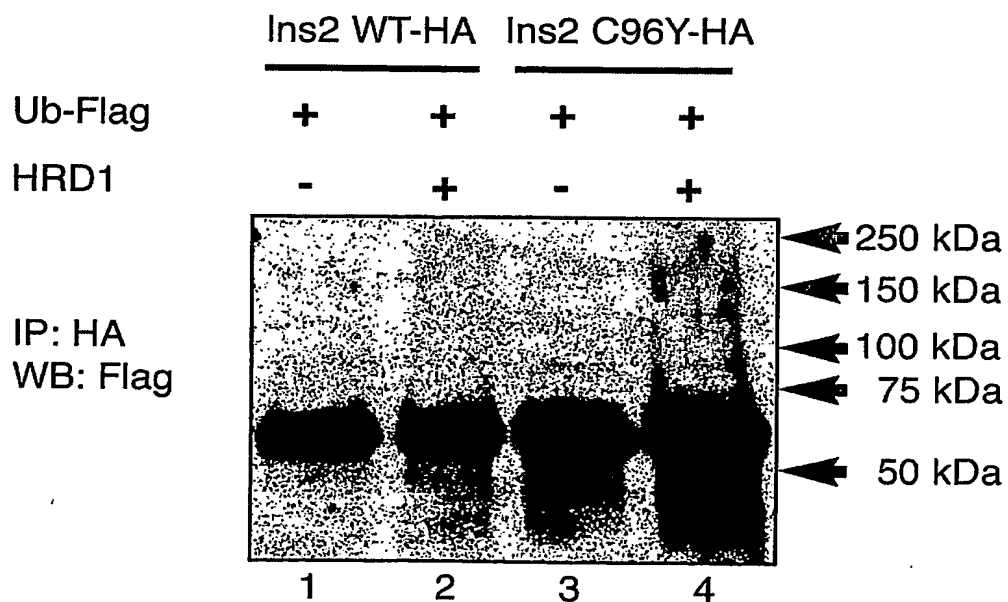
Figure 18**Figure 19****Figure 20**

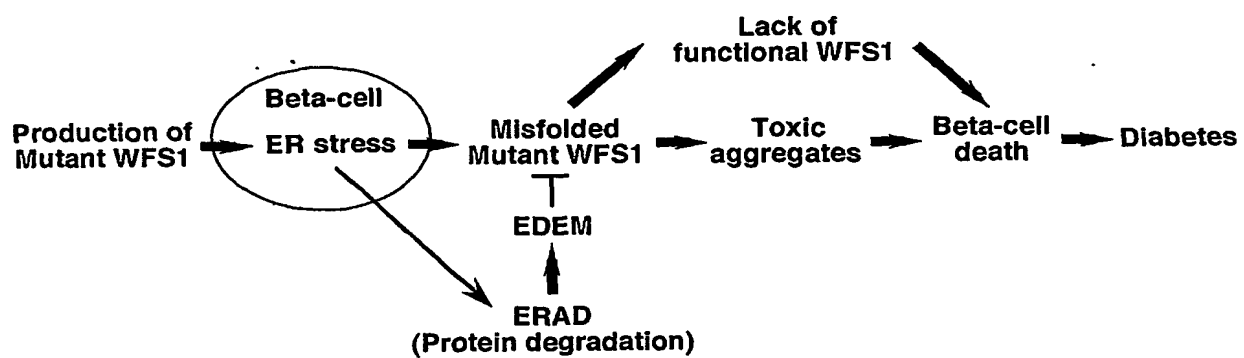
Figure 21

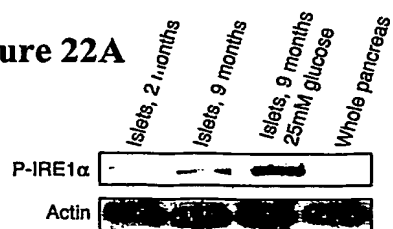
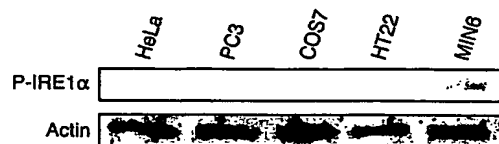
Figure 22A**Figure 22B**

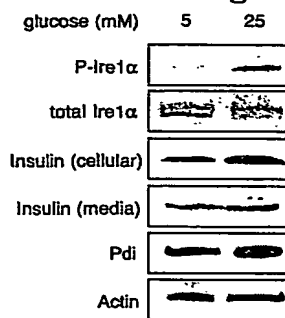
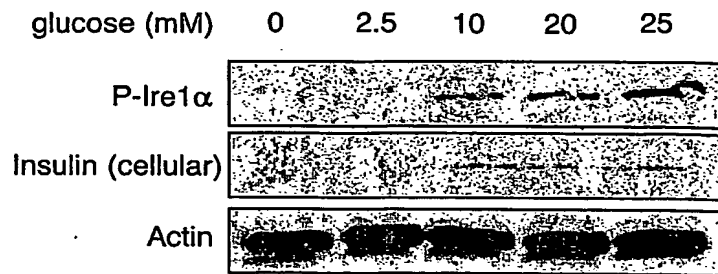
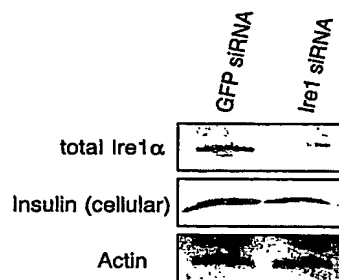
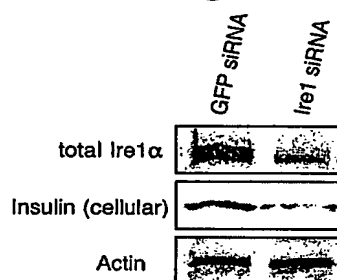
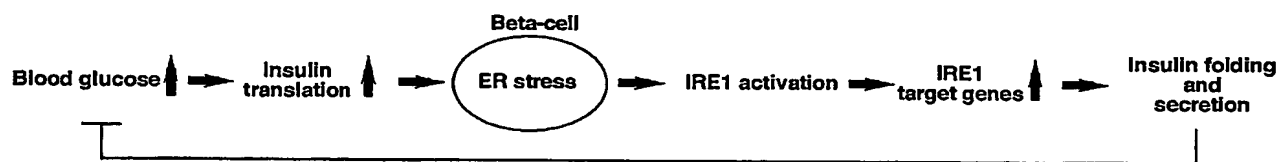
Figure 23A.**Figure 23B.****Figure 24A****Figure 24B****Figure 25**

Figure 26A

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2941 acaagagttg ttggagacag tttcagatga ttatttaatt tgtaaatatt gtacaaattt
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3061 aaaaaaaaaa a (SEQ ID NO:39)

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Figure 26B

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241  plfairpmyl amrqfkkavt daimsrarair nmntlypdat peelqamdnv ciicreemvt
301  gakrlpcnhi fhtscrlswf qrgqtoptor mdvlaslpa qsppppepad qgpppaphpp
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421  ttaagtsat aasataspgp sgsapeagpa pgfpppppwm gmpplppfaf pppmpvppagf
481  agltpeelra legherqhle arlqslrnh tlldaamlqi nqyltvlasl gpprpatsvn
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Figure 27A

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601  tgtgcagctg gtgtttggct ttgagtatgc catcctgatg acgatgggtg tcaccatctt
661  catcaagtat gtgtgcact cgtggagct ccagagttag aacccttggg acaacaaggc
721  tgtgtacatg ctctacacag agctgtttac aggtctcatc aagggttctg tgtacatggc
781  cttcatgacc atcatgatca aggtgcacac cttccactc tttgccatcc ggcccatgta
841  cctggcctatg agacagttca agaaagctgt gacagatgcc atcatgtctc gccagccat
901  ccgcaacatg aacaccctgt atccagatgc caccacagag gagctccagg caatggacaa
961  tgtctgcatc atctgccgag aagagatgct gactggtgac aagagactgc cctgcaacca
1021  cattttccat accagctgcc tgcgtcctg gttccagcgg cagcagacct gccccacctg
1081  ccgatgggat gtccttctgt catcgctgcc agcgcagtca ccaccacccc cggagcctgc
1141  ggatcagggg ccacccctctg ccccccaccc cccaccactc ttgcctcagc cccccaactt
1201  cccccagggc ctcttgcttc cttttcctcc aggcattgtc cactgtggc ccccatggg
1261  cccctttcca cctgtcccgc ctccccag ctcaggagag gctgtggctc ctccatccac
1321  cagtgcagca gccctttctc ggcccatgg agcagctaca accacagctg ctggccacag
1381  tgctactgct gcttctgcca cagcatctgg cccaggctct ggctctgccc cagaggctgg
1441  ccctgcccct ggtttccctt tccctcctcc ctggatgggt atgcccctgc ctccacctt
1501  tgccttcccc ccaatgcctg tgcctcctgc gggctttgct gggctgacct cagaggagct
1561  acagactctg gagggccatg agcggcagtc cctggaggcc cggctgcaga gcctgcgtaa
1621  catccacaca ctgctggacg ccgccatgct gcagatcaac cagtaacctc ccgtgctggc
1681  ctcttgggg cccccccggc ctgccacttc agtcaactcc actgaggaga ctgccactac
1741  agttgttgct gctgcctcct ccaccagcat ccctagctca gaggccacga ccccaacccc
1801  aggagcctcc ccaccagccc ctgaaatgga aaggcctcca gctcctgagt cagtgggcac
1861  agagagatg ctgaggatg gagagccga tgcagcagag ctccgcccgc gccgctgca
1921  gaagctggag tctcctgttg cccactgaca ctgcccagc ccagcccag cctctgctct
1981  tttgagcagc cctcgtgga acatgtcctg ccaccaagtg ccagctccct ctctgtctgc
2041  accagggagt agtaccacca gctctgagaa agaggcggca tcccctaggc caagtggaaa
2101  gaggtgggg ttccatttg actccagtc caggcagcca tggggatctc gggtcagttc
2161  cagccttctc ctccaactct tcagccctag gttctgctg ggccatgaag gcagaaggtt
2221  tagcctctga gaagccctct tcttccccca cccctttcca ggagaagggg ctgcccctcc
2281  aagccctact tgtatgtgct gagtcacact gcagtgccga acagtattag ctcccgttcc
2341  caagtgtgga ctccagagg gctggaggca agctatgaac ttgctcgtg gccaccctt
2401  aagactggta cccatttctc tttcttacct tgatctcccc agaagcctct tgtgggtggtg
2461  gctgtgcccc ctatgccttg tggcatttct gcgtcttact ggcaaccaca caactcaggg
2521  aaaggaatgc ctgggagtgg ggggtgcaggc gggcagcact gagggaccct gcccgcctc
2581  tccccccagg cccctttctc ctgcagcttc tcaagtgaga ctgacctgtc tcaccagca
2641  gccactgccc agccgcactc caggcaagg ggcagaactt ctgaagttta gaattggaat
2701  ccagcgccca aggaaggcca cttctcaact tttgtcttt tgaagttgaa tgcttaatcc
2761  tacttcttta ctagtgtct ttggcttaaa ttttgtcttt agtttagaaa aggtctctgtg
2821  cgggaaagag gaacaggagt gccagactcc tggcttttcc agtttagaaa aggtctctgtg
2881  ccaaggaggg accacaggag ctgggacctg cctgcccctg tcttttcccc ttggttttgt
2941  gttacaagag ttgttgga cagtttcaga tgattattta atttgtaaat attgtacaaa
3001  ttttaatagc ttaaattgta tatacagcca aataaaaaact tgcattaaca aaaaaaaaaa
3061  aaaaaaaaaa aaaa (SEQ ID NO:40)

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Figure 27B

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1  mfrtavmmaa slaltgavva hayylkhfy ptvvyltkss psmavlyiqa fvlvflgkv
61  mgkvffgqlr aaemehller swyavtctcl aftvfrddfs prfvalftll lflkcfhwla
121  edrvdfmers pniswlfhcr ivslmflgi ldflfvshay hsilrtrasv qlvfgfeyai
181  lmtmvlrtifi kyvlhsvdld senpwnkav ymlytelftg fikvllymaf mtimikvhtf
241  plfairpmyl amrqfkkavt daimsrrair nmntlypdat peelqamdnv ciicreampvt
301  gakrlpcnhi fhtscrlswf qrgqteptcr mdvlaslpa qsgpppepad qsgpppepad
361  pllpqppnfp qgllppfppg mfpwppmmp fppvppppss geavappsts aaalsrpsga
421  atttaagtsa taasatasgp gsgsapeagp apgfpppppw mgmplpppfa fppmpvppag
481  fagltpeelr alegheqhll earlqlsrni htlldaamlq inqyltvlas lgpprpatsv
541  nsteetattv vaaasstsip sseattptgp asppapemer ppapesvgte empedgepda
601  aelrrrrrlqk lespvah (SEQ ID NO:41)

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